

Department of Forensic Science
Breath Alcohol Section
Instrument Location History
1/1/1990 To 1/9/2015

ful

Instrument Serial Number: 010590

As of 09-Jan-15

| Start Date | End Date | Agency Name |
|------------|-----------|------------------------|
| 06-Jan-15 | | Caroline County SO |
| 11-Dec-14 | 06-Jan-15 | DFS Central Lab |
| 09-Jul-14 | 11-Dec-14 | Hampton PD |
| 12-Jun-14 | 09-Jul-14 | DFS Central Lab |
| 07-Jan-09 | 12-Jun-14 | Charles City County SO |
| 04-Aug-08 | 07-Jan-09 | DFS Central Lab |

Department of Forensic Science
Breath Alcohol Section
Instrument Maintenance History
1/6/2014 To 1/6/2015

Sed

| | | |
|----------------------------------|---------------|------------------------|
| Instrument Serial Number: | 010590 | As of 09-Jan-15 |
|----------------------------------|---------------|------------------------|

| Maintenance | Certification | Technician | |
|--------------------|----------------------|-------------------|-------------------------------|
| Date | Date | Initials | Remarks |
| 06-Jan-15 | 23-Dec-14 | SED (24178) | REPLACED UPS BACK-UP BATTERY. |
| 23-Dec-14 | 23-Dec-14 | MMB (26417) | CERTIFIED. |
| 24-Nov-14 | 02-Jul-14 | HMS (18910) | REPLACED UPS BACK-UP BATTERY. |
| 02-Jul-14 | 02-Jul-14 | DBH (21250) | CERTIFIED. |

INTOX EC/IR II Quality Assurance Worksheet

gjt

Instrument Serial Number 010590 Worksheet Start Date 1/6/2015
Location Caroline County Sheriff Office
Address 118 Courthouse Lane, Bowling Green, VA 22427
DFS Technician Sarah Dersch License No. 24178

☐ Laboratory

☒ On-Site

Site Specification: No detrimental environmental conditions exist. ☒

Instrument Barometer (mm HG) 757 Reference Barometer (mm HG) 758
Reference Barometer(RB)Serial # 009111 RB Calibration Due 5/19/2015

Measurement Assurance Check

| | | | | | |
|----------------------|-----------|------------|------------|----------|-------|
| Standard (sea level) | PA Target | minimum | maximum | Sample 1 | 0.303 |
| 0.300 | 0.299 | 0.290 | 0.307 | Sample 2 | 0.302 |
| Precision | | sample min | sample max | Sample 3 | 0.302 |
| 0.001 | | 0.302 | 0.303 | | |

| | | | | | |
|----------------------|-----------|------------|------------|----------|-------|
| Standard (sea level) | PA Target | minimum | maximum | Sample 1 | 0.100 |
| 0.100 | 0.100 | 0.097 | 0.103 | Sample 2 | 0.099 |
| Precision | | sample min | sample max | Sample 3 | 0.100 |
| 0.001 | | 0.099 | 0.100 | | |

Dry gas standard Lot No. (with tank no.) AG332301-21

☐ Replaced dry gas standard (+O-ring)

☒ Installed at Location

☐ Removed to DFS-Central

Supplies
Mouthpieces
Certificates of Analysis
Operator Worksheet
Other:



Notes:

REPLACED UPS BACK-UP BATTERY.

Instrument Serial Number

010590

Certification Date

☐ Calibrated☐ Certified☒ Measurement Assurance Check☒ Instrument Test☐ Troubleshooting/Maintenance Worksheet Completed

(Successful completion denotes satisfactory condition of the item.)

| Standard (sea level) | PA Target | minimum | maximum | Sample 1 |
|----------------------|-----------|------------|------------|----------|
| 0.250 | | 0.000 | 0.000 | Sample 2 |
| Precision | | sample min | sample max | Sample 3 |
| 0 | | 0.000 | 0.000 | |

| Standard (sea level) | PA Target | minimum | maximum | Sample 1 |
|----------------------|-----------|------------|------------|----------|
| 0.150 | | 0.000 | 0.000 | Sample 2 |
| Precision | | sample min | sample max | Sample 3 |
| 0 | | 0.000 | 0.000 | |

| Standard (sea level) | PA Target | minimum | maximum | Sample 1 |
|----------------------|-----------|------------|------------|----------|
| 0.080 | | -0.003 | 0.003 | Sample 2 |
| Precision | | sample min | sample max | Sample 3 |
| 0 | | 0.000 | 0.000 | |

| Standard (sea level) | PA Target | minimum | maximum | Sample 1 |
|----------------------|-----------|------------|------------|----------|
| 0.020 | | -0.003 | 0.003 | Sample 2 |
| Precision | | sample min | sample max | Sample 3 |
| 0 | | 0.000 | 0.000 | |

All measurements are in g/210L

Estimation of Uncertainty of Measurement and traceability records are located within the Breath Alcohol Section

DFS Technician

Date

1/9/15

Issuing Analyst

Date

1/9/15

Intox EC/IR-II: Accuracy Check

82

Department of Forensic Science

Serial Number: 010590 Test Number: 490

Test Date: 01/06/2015 Test Time: 14:30 EST

Dry Gas Target: 0.299

Lot Number: AG428003-03 Exp Date: 10/07/2016

Tank Pressure: 169 psi Barometric Pressure: 757 mmHg

System Check: *Passed*

| Test | g/210L | Time |
|------|--------|-------|
| BLK | 0.000 | 14:31 |
| CHK | 0.303 | 14:32 |
| BLK | 0.000 | 14:33 |
| CHK | 0.302 | 14:34 |
| BLK | 0.000 | 14:36 |
| CHK | 0.302 | 14:36 |

Test Status: *Success*

Calibration CRC: 7E86BACC

Std

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010590 Test Number: 491

Test Date: 01/06/2015 Test Time: 14:39 EST

Dry Gas Target: 0.100

Lot Number: AG332301-21 Exp Date: 11/19/2015

Tank Pressure: 566 psi Barometric Pressure: 757 mmHg

System Check: *Passed*

| Test | g/210L | Time |
|------|--------|-------|
| BLK | 0.000 | 14:40 |
| CHK | 0.100 | 14:41 |
| BLK | 0.000 | 14:42 |
| CHK | 0.099 | 14:43 |
| BLK | 0.000 | 14:44 |
| CHK | 0.100 | 14:45 |

Test Status: *Success*

Calibration CRC: 7E86BACC



COMMONWEALTH OF VIRGINIA
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

| | |
|--|--------------------------|
| NAME OF ACCUSED INSTRUMENT, TEST, | NAME OF COURT DFS |
|--|--------------------------|

BREATH ANALYSIS

| | | |
|---|-----------------------------------|---------------------------------------|
| SAMPLE EXAMINED AND TEST CONDUCTED BY DERSCH, SARAH, E | | AGENCY DFS Central Lab |
| DFS LICENSE NUMBER 24178 | LICENSE EXPIRES 10/01/2016 | DATE TEST CONDUCTED 01/06/2015 |
| TEST EQUIPMENT NUMBER 010590 | | |

RESULTS: TIME SAMPLE TAKEN 14:53 EST

SAMPLE'S ALCOHOL CONTENT 0.00 GRAMS PER 210 LITERS OF BREATH

ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS _____ DAY OF _____, 20 _____.

| |
|----------------------|
| BREATH TEST OPERATOR |
|----------------------|

☐ I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS _____ SUBJECT'S SIGNATURE

☐ SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS _____ OPERATOR'S SIGNATURE



IntoxNet MIS Report

Report Generated 09 Jan 2015 at 09:57

fid

Test Results

Instrument Serial Number 010590

Test # 000492 Subject Test

Test Location 1 Department of
Test Date 06 Jan 2015

Test Location 2 Forensic Science
Test Time 14:47
Remote/Local Local

Test Location 3
System Check Passed

Operator's Last Name DERSCH
Agency DFS Central Lab

Operator's First Name SARAH

Operator's Middle Initial E

Card Serial Number 124178

License Number 24178

Effective Date 10/01/2014

Expiration Date 10/01/2016

Subject's Last Name INSTRUMENT

Subject's First Name TEST

Subject's Middle Initial

Subject's Date of Birth 00/00/0000

Subject's Sex Male

Driver's License Number

Driver's License Expiration 00/00/0000

Driver's License State

Court Name DFS

End Date 06 Jan 2015 End Time 14:54

Result Time 14:53

Result Date 06 Jan 2015

Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 14:47

Data Type BLK

Sample Value 0.000

Sample Time 14:48

Data Type CHK

Sample Value 0.099

Sample Time 14:49

Data Type BLK

Sample Value 0.000

Sample Time 14:50

Data Type SUBJ

Sample Value 0.000

Sample Time 14:51

Data Type BLK

Sample Value 0.000

Sample Time 14:52

Data Type SUBJ

Sample Value 0.000

Sample Time 14:53

Data Type BLK

Sample Value 0.000

Sample Time 14:54

Standard Type Dry Gas Std

Standard Value 0.100

Standard Lot Number AG332301-21

Standard Expiration Date 11/19/2015

Tank Pressure 556

Barometric Pressure 757 mmHg

Blow Sample Number 1 Blow Duration 6.04 sec

Blow Volume 2226 cc End-of-Blow Time 14:51

Blow Sample Number 2 Blow Duration 4.64 sec

Blow Volume 1714 cc End-of-Blow Time 14:53

Tamper Evident Stamp 211fab62

Test Status Code 0

Test Status Success